US.

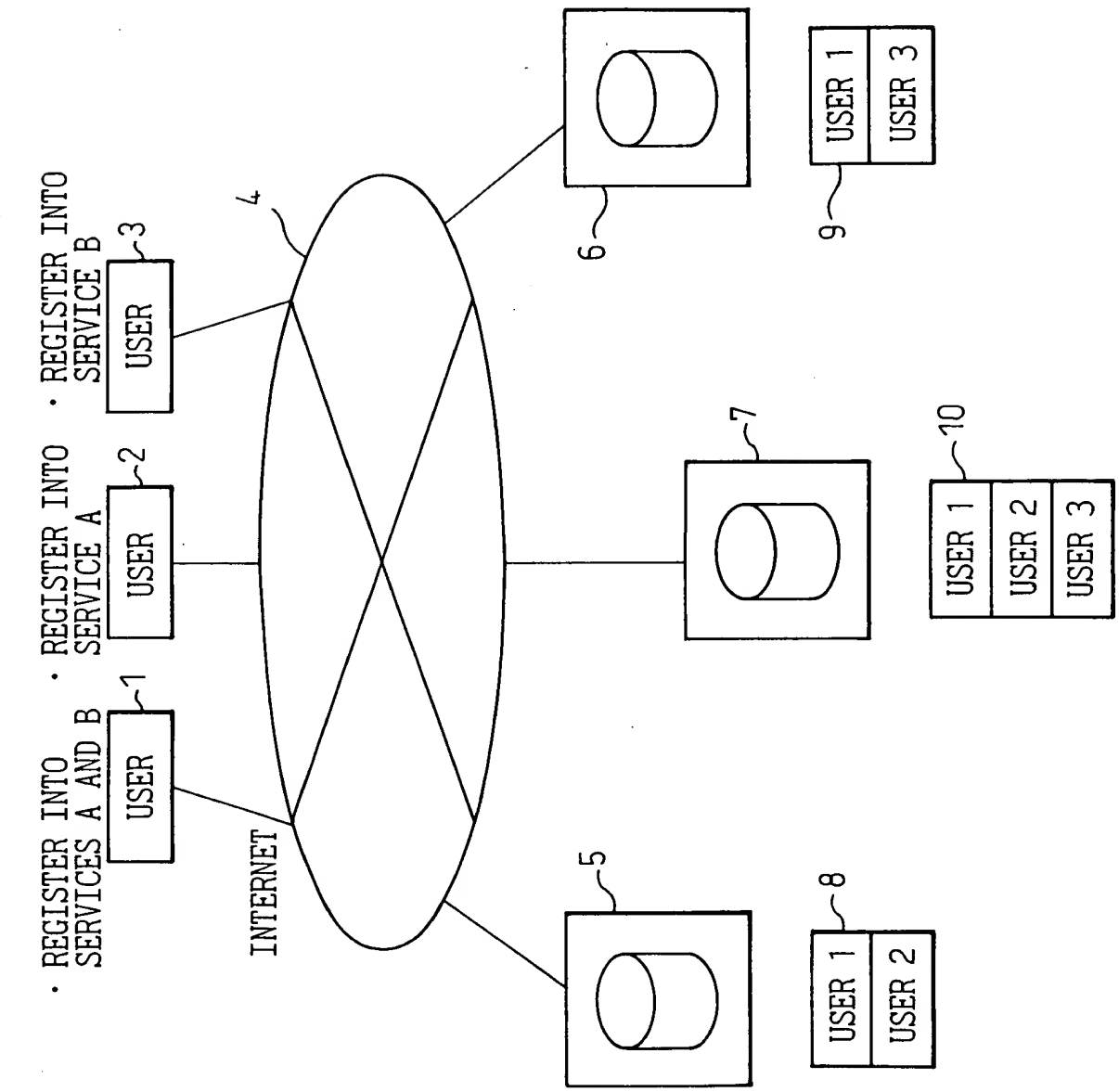

· REGISTER INTO SERVICES A AND B
· REGISTER INTO SERVICE A
· REGISTER INTO SERVICE B
USER
USER
USER
1
2
3
INTERNET
4
5
6
7
8
9
10
USER 1
USER 2
USER 1
USER 3
USER 1
USER 2
USER 3

Fig.1

FOREIGN SEARCH

Fig.2

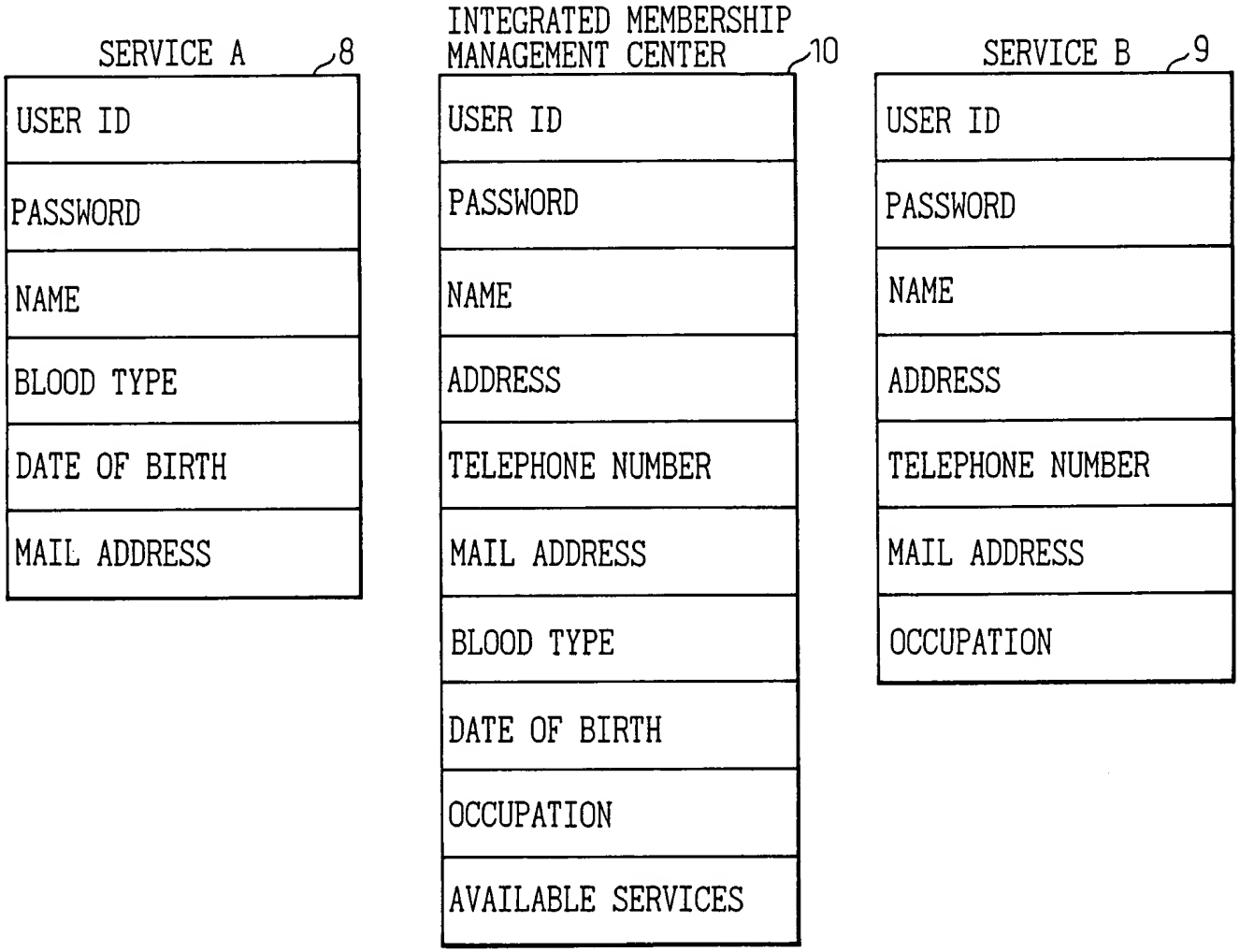


Fig.3

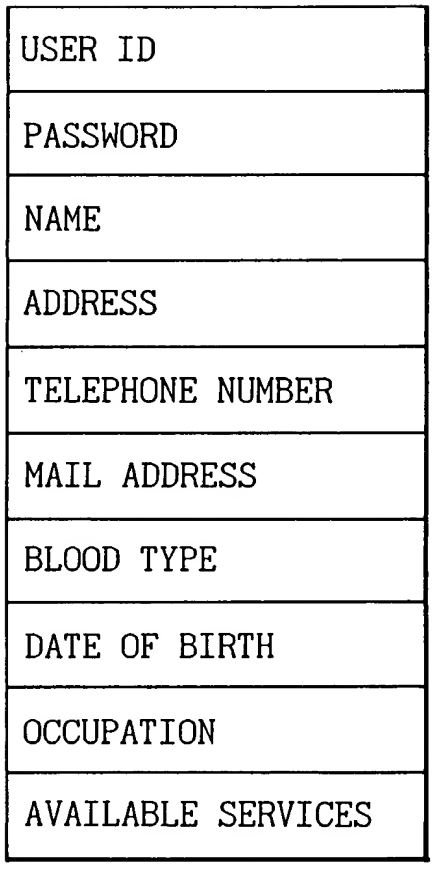
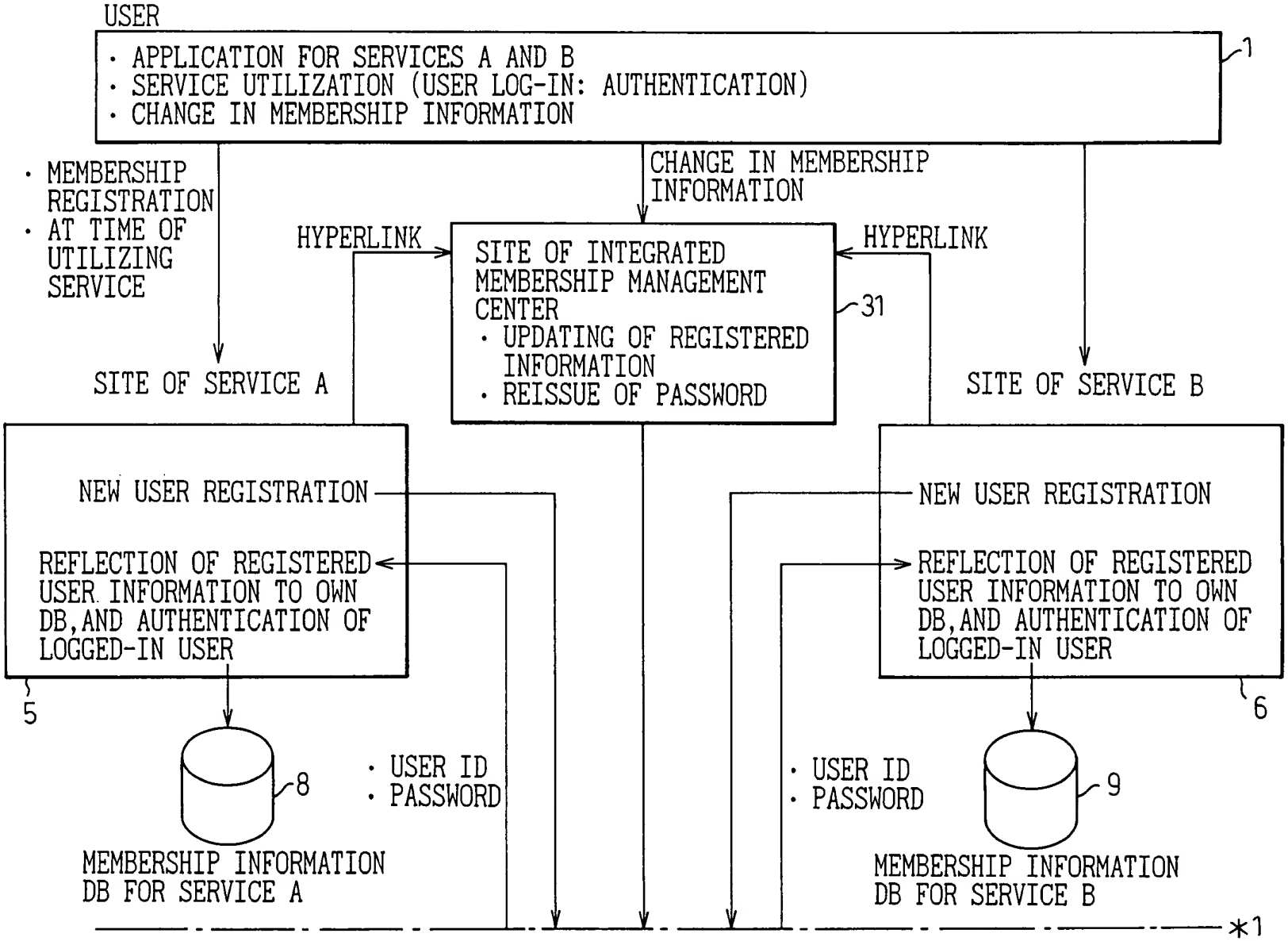

USER ID
PASSWORD
NAME
ADDRESS
TELEPHONE NUMBER
MAIL ADDRESS
BLOOD TYPE
DATE OF BIRTH
OCCUPATION
AVAILABLE SERVICES

Fig.4


USER
· APPLICATION FOR SERVICES A AND B
· SERVICE UTILIZATION (USER LOG-IN: AUTHENTICATION)
· CHANGE IN MEMBERSHIP INFORMATION
1
· MEMBERSHIP REGISTRATION
· AT TIME OF UTILIZING SERVICE
CHANGE IN MEMBERSHIP INFORMATION
HYPERLINK
HYPERLINK
SITE OF INTEGRATED MEMBERSHIP MANAGEMENT CENTER
· UPDATING OF REGISTERED INFORMATION
· REISSUE OF PASSWORD
31
SITE OF SERVICE A
SITE OF SERVICE B
NEW USER REGISTRATION
REFLECTION OF REGISTERED USER INFORMATION TO OWN DB, AND AUTHENTICATION OF LOGGED-IN USER
NEW USER REGISTRATION
REFLECTION OF REGISTERED USER INFORMATION TO OWN DB, AND AUTHENTICATION OF LOGGED-IN USER
5
6
8
· USER ID
· PASSWORD
· USER ID
· PASSWORD
9
MEMBERSHIP INFORMATION DB FOR SERVICE A
MEMBERSHIP INFORMATION DB FOR SERVICE B
*1

TOKKAI 93-77860

Fig.5

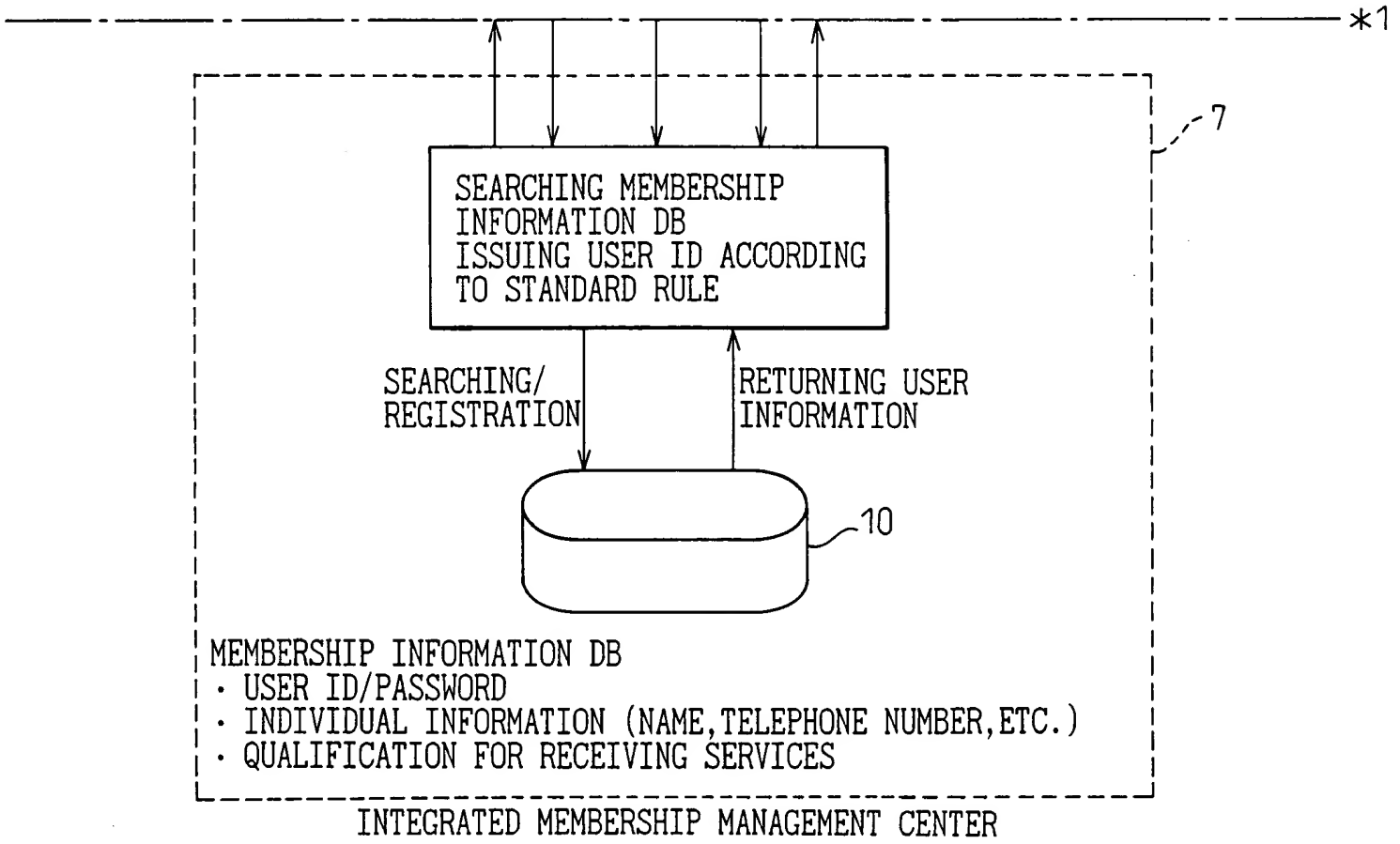


Fig.6

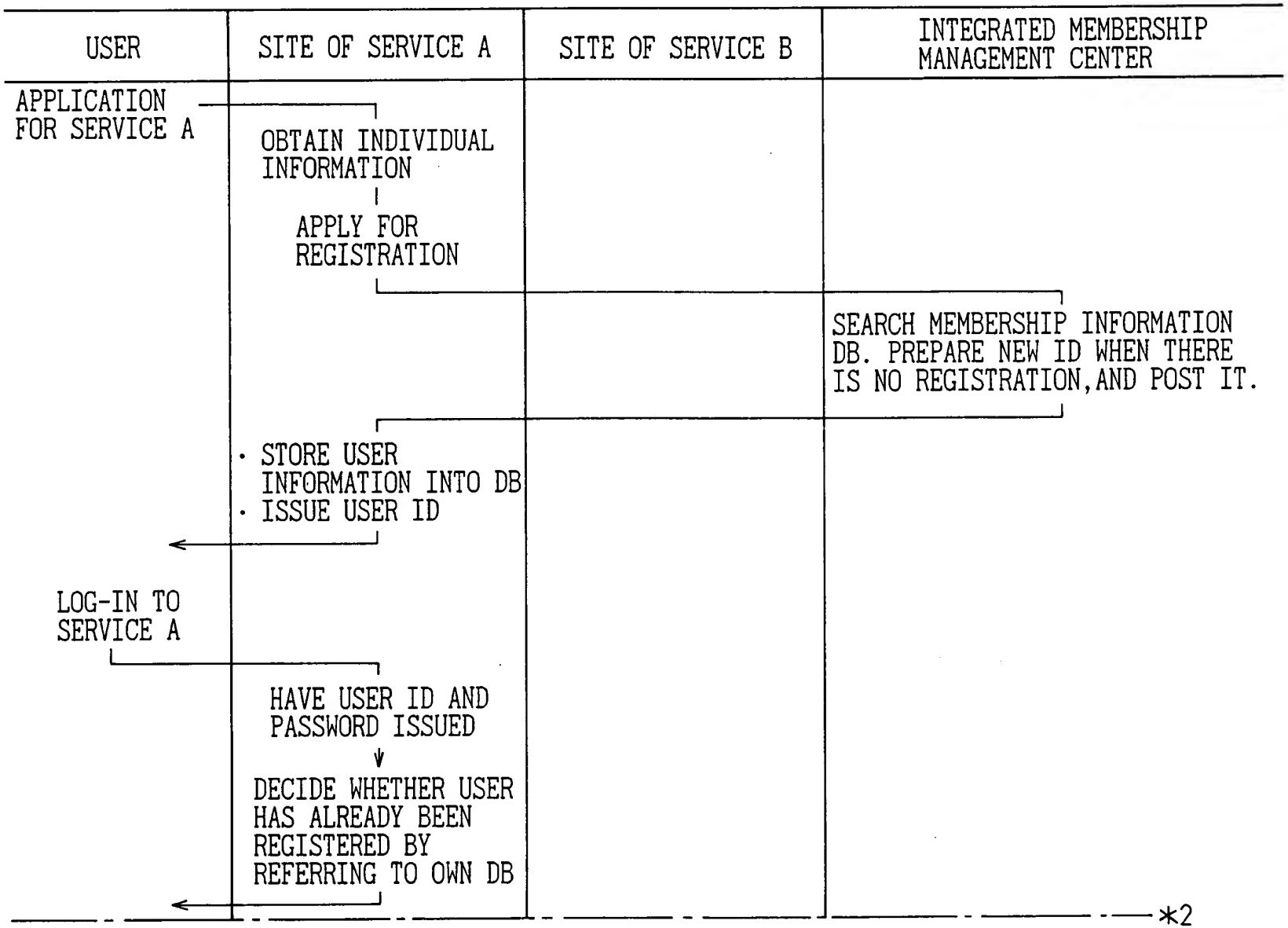

USER
SITE OF SERVICE A
SITE OF SERVICE B
INTEGRATED MEMBERSHIP MANAGEMENT CENTER
APPLICATION FOR SERVICE A
OBTAIN INDIVIDUAL INFORMATION
APPLY FOR REGISTRATION
SEARCH MEMBERSHIP INFORMATION DB. PREPARE NEW ID WHEN THERE IS NO REGISTRATION, AND POST IT.
· STORE USER INFORMATION INTO DB
· ISSUE USER ID
LOG-IN TO SERVICE A
HAVE USER ID AND PASSWORD ISSUED
DECIDE WHETHER USER HAS ALREADY BEEN REGISTERED BY REFERRING TO OWN DB
*2

Fig.7

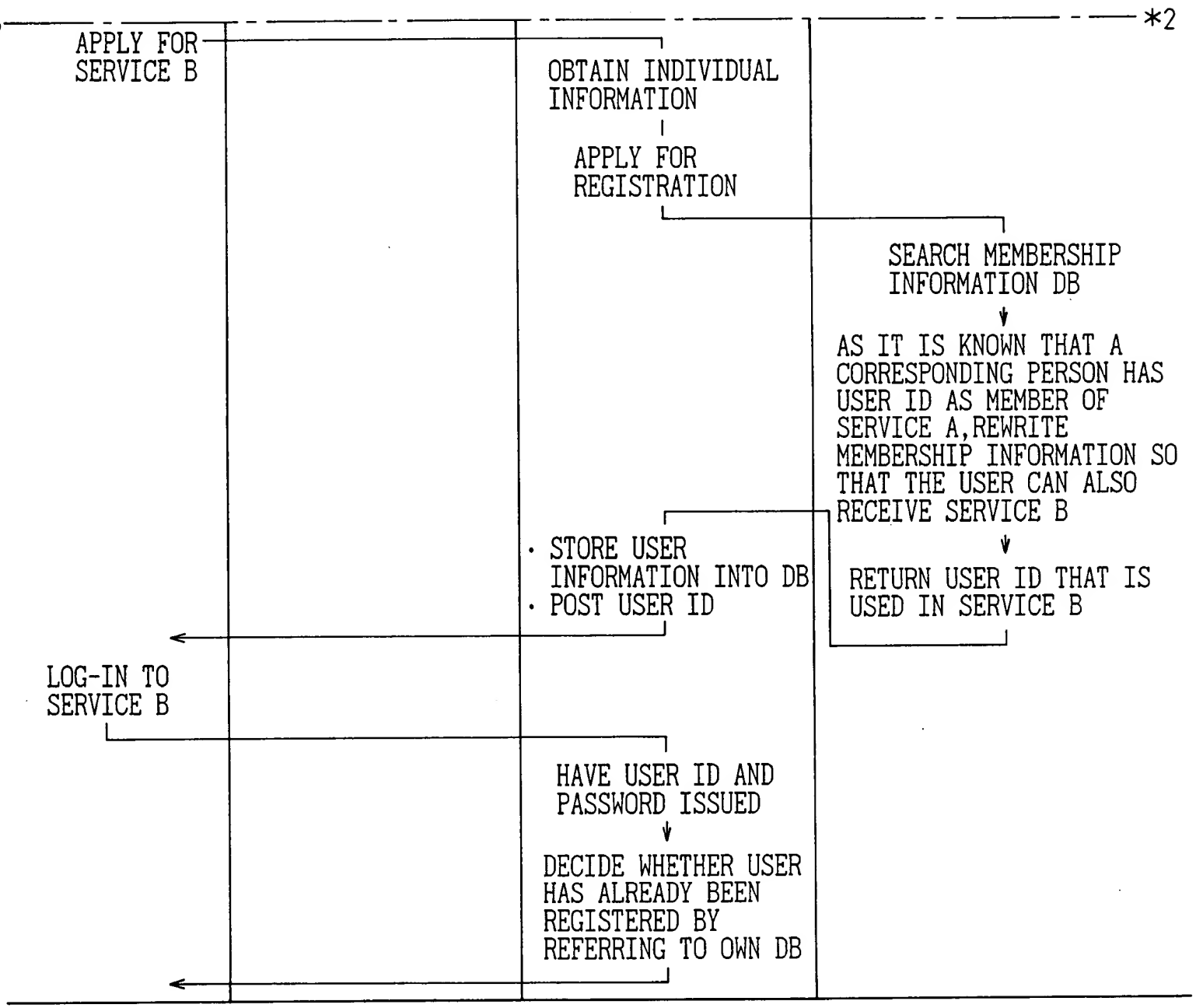

*2
APPLY FOR SERVICE B
OBTAIN INDIVIDUAL INFORMATION
APPLY FOR REGISTRATION
SEARCH MEMBERSHIP INFORMATION DB
AS IT IS KNOWN THAT A CORRESPONDING PERSON HAS USER ID AS MEMBER OF SERVICE A, REWRITE MEMBERSHIP INFORMATION SO THAT THE USER CAN ALSO RECEIVE SERVICE B
RETURN USER ID THAT IS USED IN SERVICE B
· STORE USER INFORMATION INTO DB
· POST USER ID
LOG-IN TO SERVICE B
HAVE USER ID AND PASSWORD ISSUED
DECIDE WHETHER USER HAS ALREADY BEEN REGISTERED BY REFERRING TO OWN DB

Fig.8

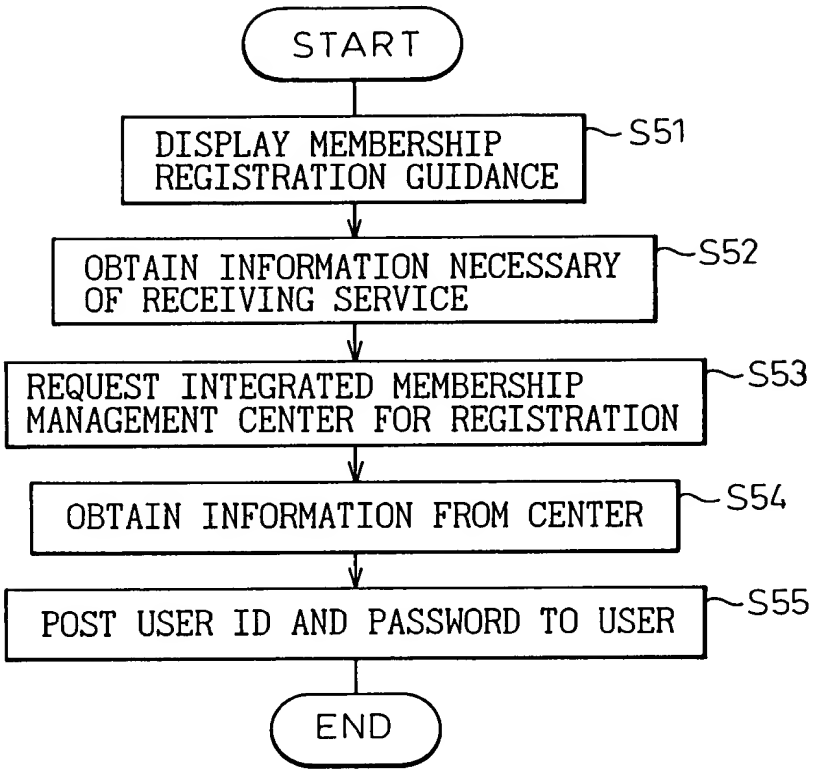


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Fig.9

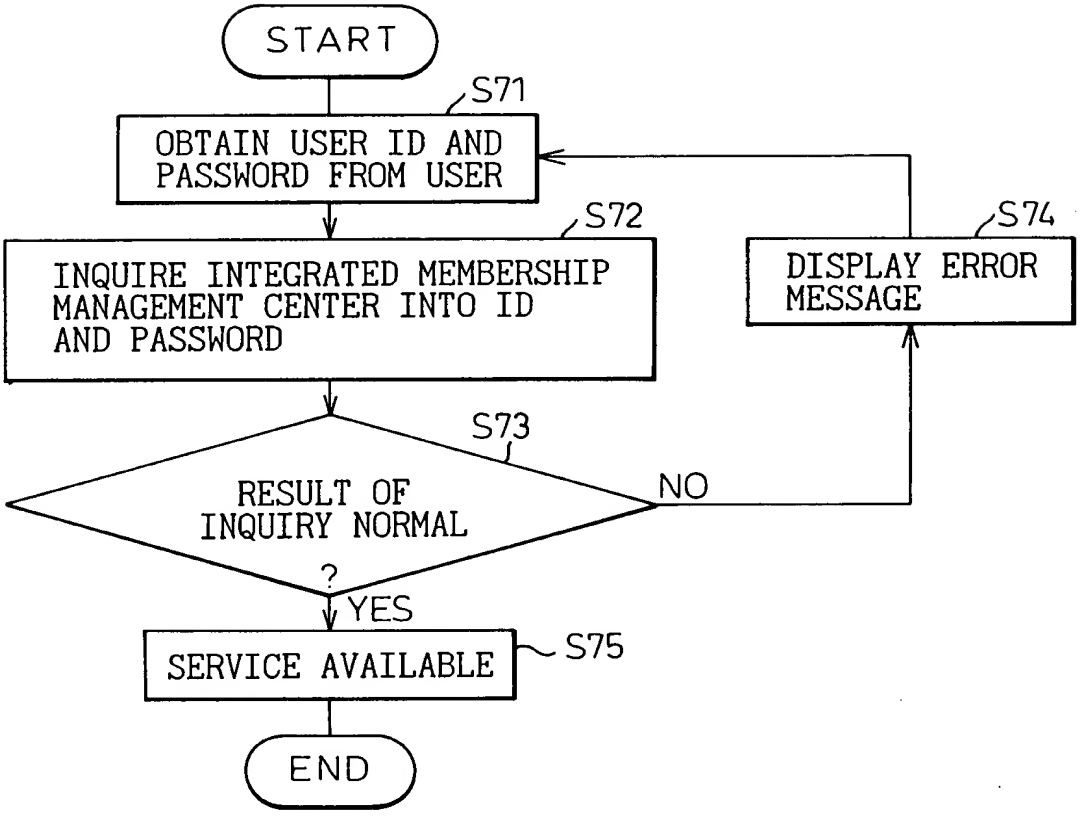

START
S71
OBTAIN USER ID AND PASSWORD FROM USER
S72
INQUIRE INTEGRATED MEMBERSHIP MANAGEMENT CENTER INTO ID AND PASSWORD
S73
RESULT OF INQUIRY NORMAL ?
NO
YES
S74
DISPLAY ERROR MESSAGE
SERVICE AVAILABLE
S75
END

Fig.10

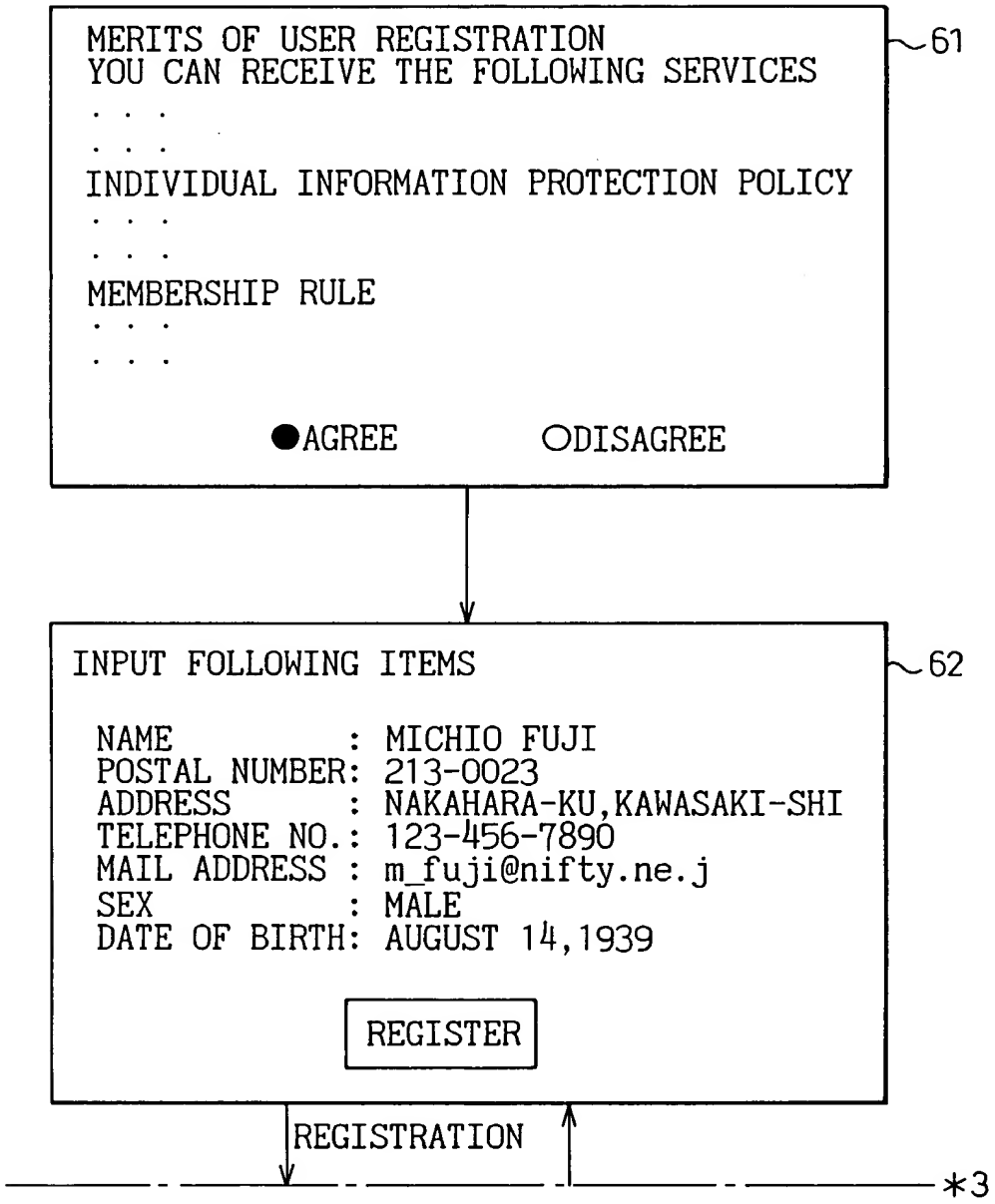

MERITS OF USER REGISTRATION
YOU CAN RECEIVE THE FOLLOWING SERVICES
. . .
. . .
INDIVIDUAL INFORMATION PROTECTION POLICY
. . .
. . .
MEMBERSHIP RULE
. . .
. . .
●AGREE
○DISAGREE
61
INPUT FOLLOWING ITEMS
NAME : MICHIO FUJI
POSTAL NUMBER: 213-0023
ADDRESS : NAKAHARA-KU,KAWASAKI-SHI
TELEPHONE NO.: 123-456-7890
MAIL ADDRESS : m_fuji@nifty.ne.j
SEX : MALE
DATE OF BIRTH: AUGUST 14,1939
REGISTER
62
REGISTRATION
*3

Fig.11

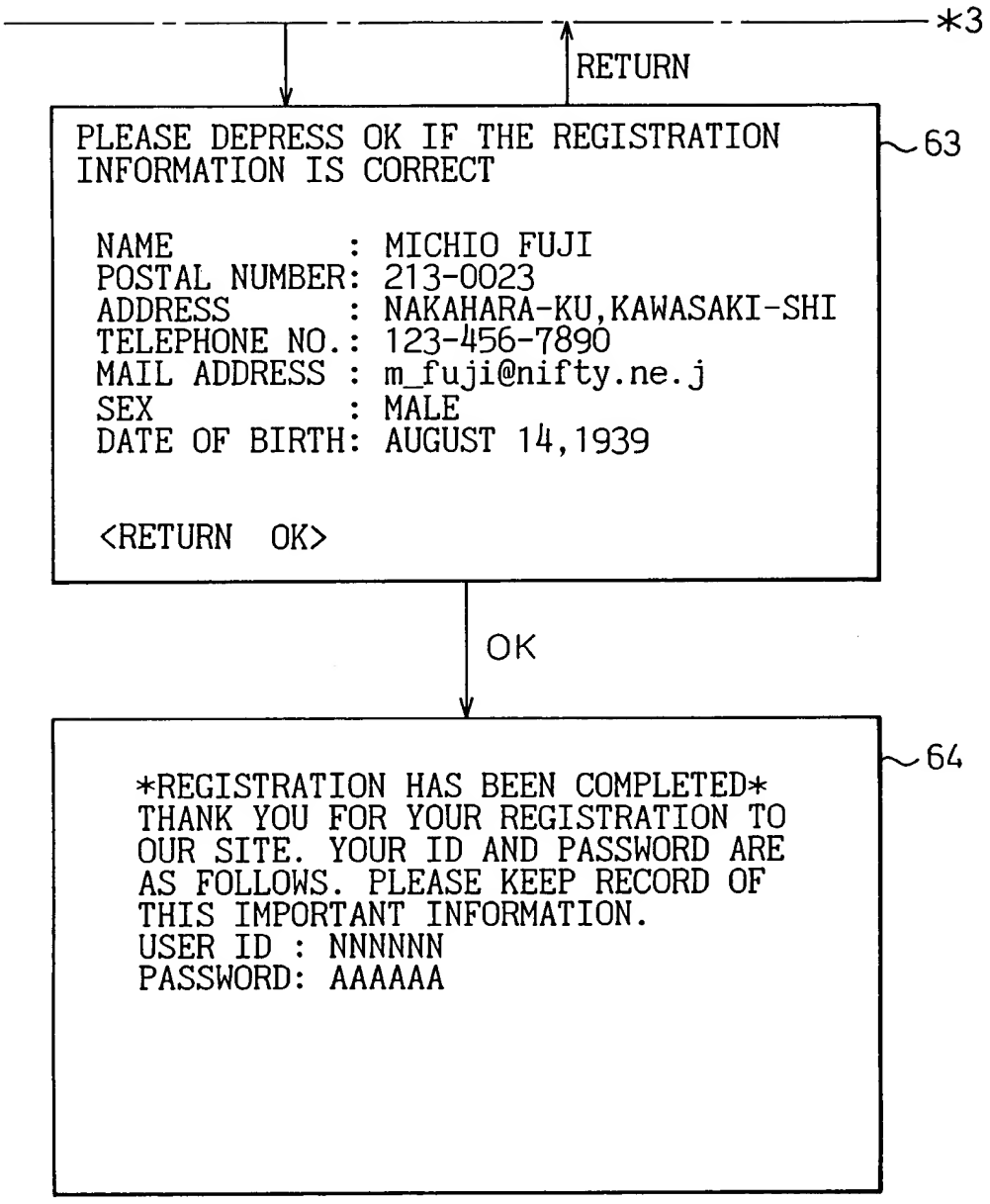
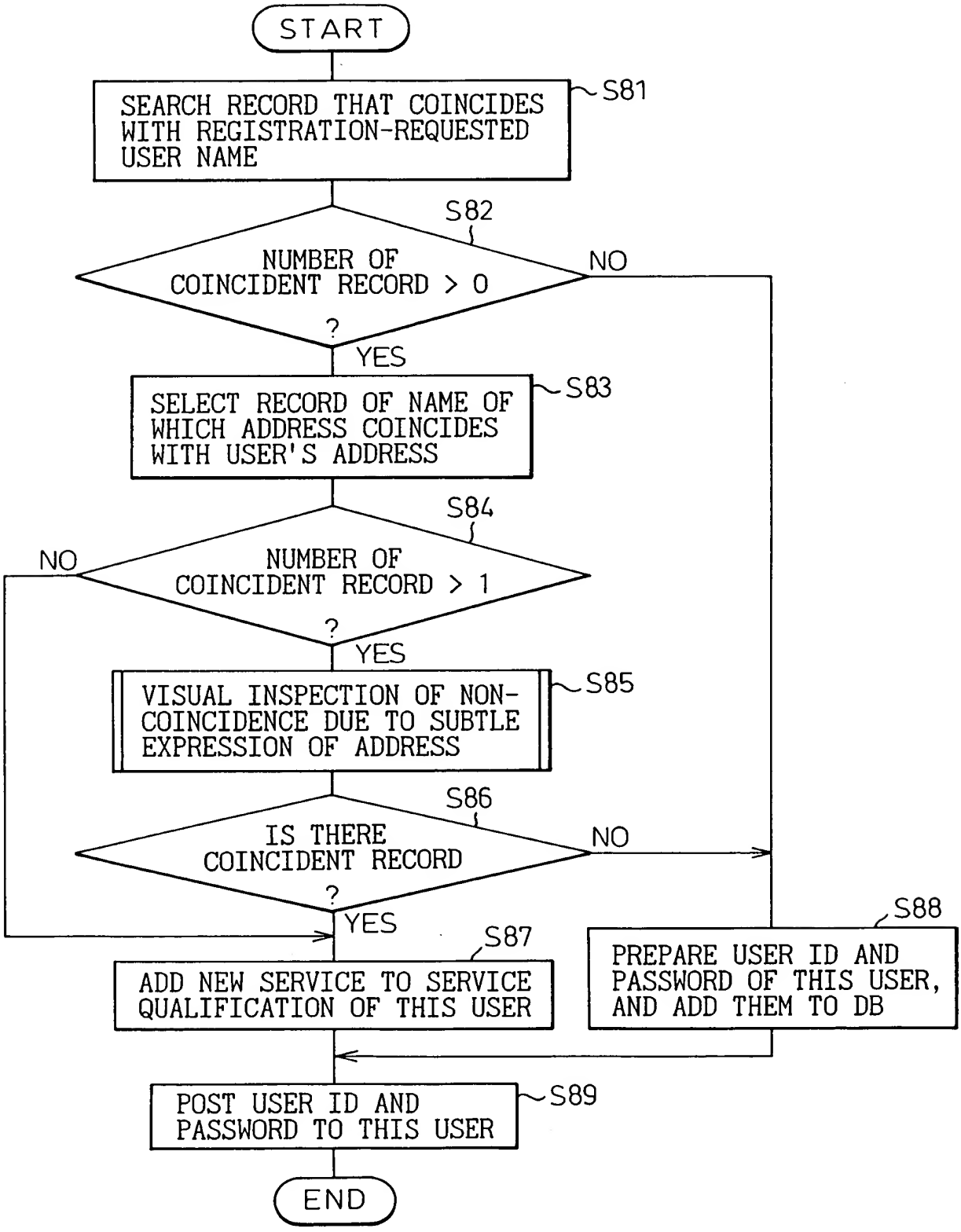

*3
RETURN
PLEASE DEPRESS OK IF THE REGISTRATION INFORMATION IS CORRECT
NAME : MICHIO FUJI
POSTAL NUMBER: 213-0023
ADDRESS : NAKAHARA-KU,KAWASAKI-SHI
TELEPHONE NO.: 123-456-7890
MAIL ADDRESS : m_fuji@nifty.ne.j
SEX : MALE
DATE OF BIRTH: AUGUST 14,1939
<RETURN OK>
63
OK
REGISTRATION HAS BEEN COMPLETED
THANK YOU FOR YOUR REGISTRATION TO OUR SITE. YOUR ID AND PASSWORD ARE AS FOLLOWS. PLEASE KEEP RECORD OF THIS IMPORTANT INFORMATION.
USER ID : NNNNNN
PASSWORD: AAAAAA
64

Fig.12


START
SEARCH RECORD THAT COINCIDES WITH REGISTRATION-REQUESTED USER NAME
S81
S82
NUMBER OF COINCIDENT RECORD > 0 ?
NO
YES
SELECT RECORD OF NAME OF WHICH ADDRESS COINCIDES WITH USER'S ADDRESS
S83
S84
NUMBER OF COINCIDENT RECORD > 1 ?
NO
YES
VISUAL INSPECTION OF NON-COINCIDENCE DUE TO SUBTLE EXPRESSION OF ADDRESS
S85
S86
IS THERE COINCIDENT RECORD ?
NO
YES
S87
ADD NEW SERVICE TO SERVICE QUALIFICATION OF THIS USER
S88
PREPARE USER ID AND PASSWORD OF THIS USER, AND ADD THEM TO DB
POST USER ID AND PASSWORD TO THIS USER
S89
END